

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049837.D
 Acq On : 21 Jul 2022 18:34
 Operator : SY/MD
 Sample : N3792-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 22 04:15:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

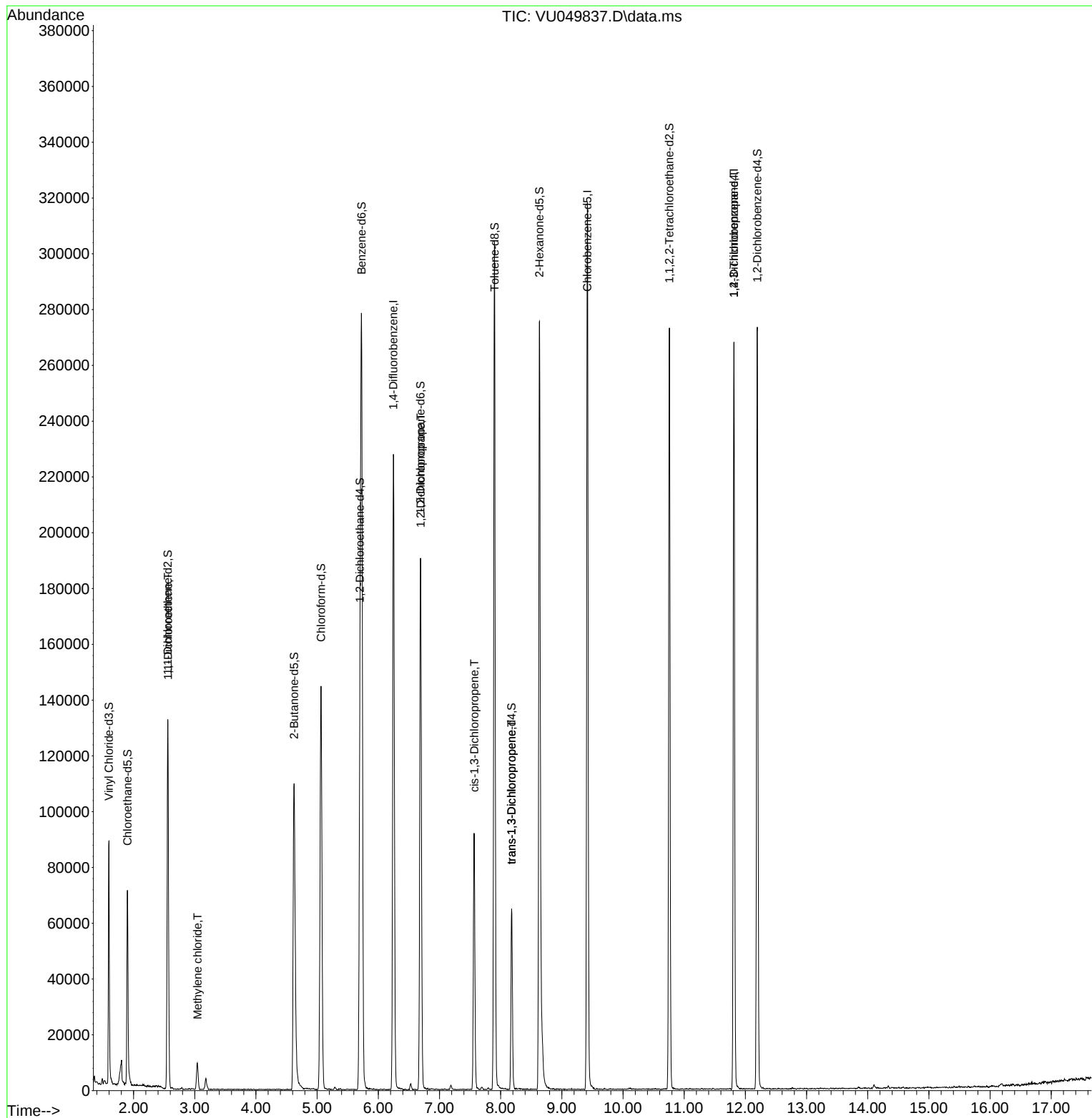
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	173584	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	163951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66366	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61138	41.744	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.480%
7) Chloroethane-d5	1.900	69	49967	47.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.559	63	81458	31.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.980%
21) 2-Butanone-d5	4.623	46	159041	127.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.200%
24) Chloroform-d	5.063	84	133155	51.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
26) 1,2-Dichloroethane-d4	5.700	65	94727	53.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.920%
32) Benzene-d6	5.726	84	239535	48.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
36) 1,2-Dichloropropane-d6	6.690	67	88020	52.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	7.899	98	193382	44.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	8.179	79	34984	49.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.120%
47) 2-Hexanone-d5	8.632	63	83324	110.567	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.570%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129923	55.425	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	66802	53.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.780%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	624	0.503	ug/L #	1
16) Methylene chloride	3.044	84	4328	2.769	ug/L	95
37) 1,2-Dichloropropane	6.694	63	9779	5.725	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2534	1.100	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	1696	0.784	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	8985	5.083	ug/L #	69

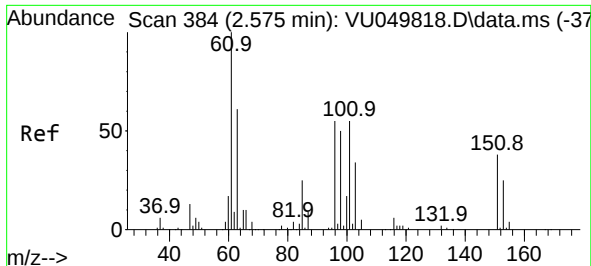
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.503 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.013 min

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

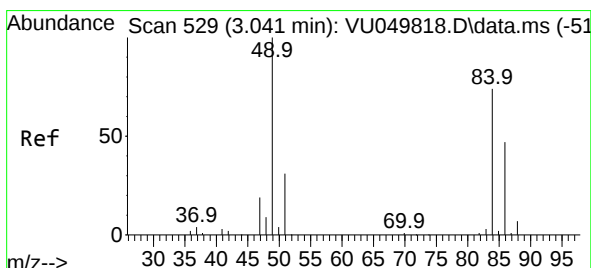
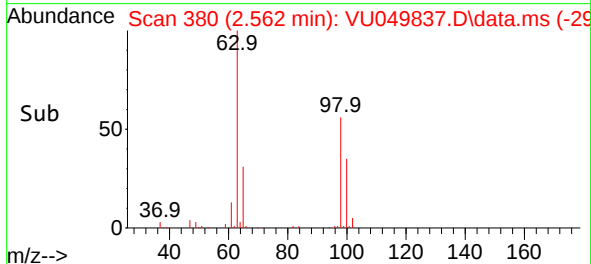
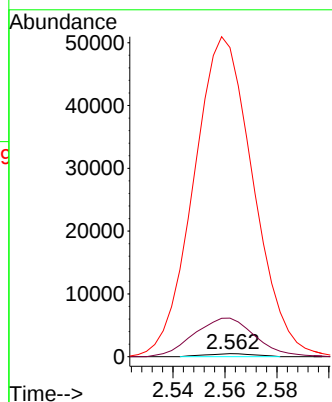
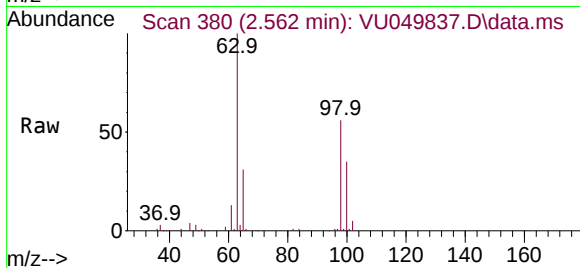
Tgt Ion: 96 Resp: 624

Ion Ratio Lower Upper

96 100

61 1298.1 129.6 240.6#

63 10384.8 79.0 146.6#



#16

Methylene chloride

Concen: 2.769 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU049837.D

Acq: 21 Jul 2022 18:34

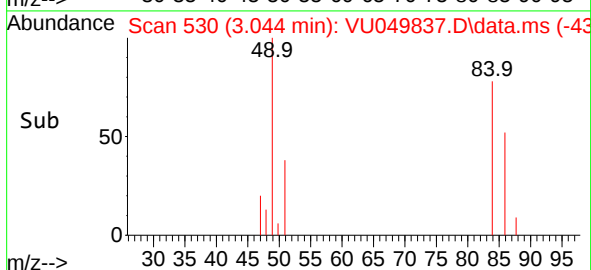
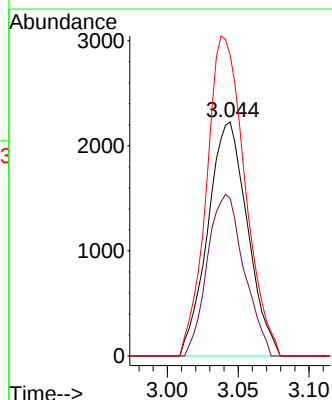
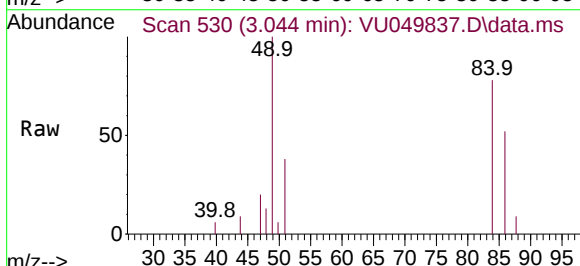
Tgt Ion: 84 Resp: 4328

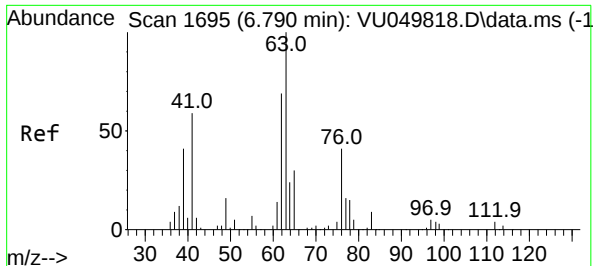
Ion Ratio Lower Upper

84 100

86 67.3 45.6 84.6

49 128.5 94.4 175.4





#37

1,2-Dichloropropane

Concen: 5.725 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU049837.D

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Instrument :

MSVOA_U

ClientSampleId :

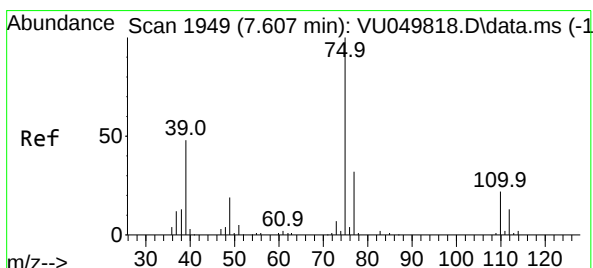
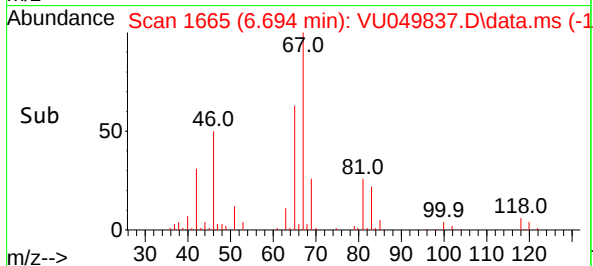
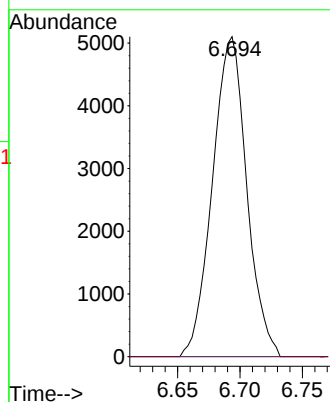
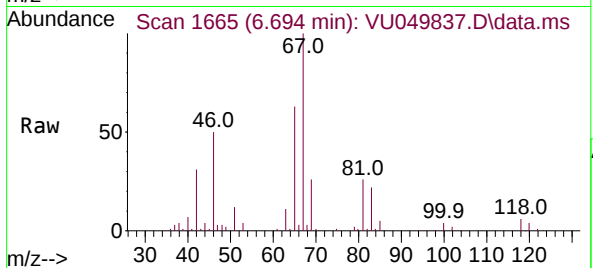
VHBLK001

Tgt Ion: 63 Resp: 9779

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.100 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU049837.D

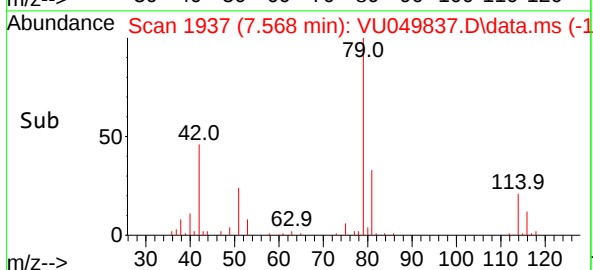
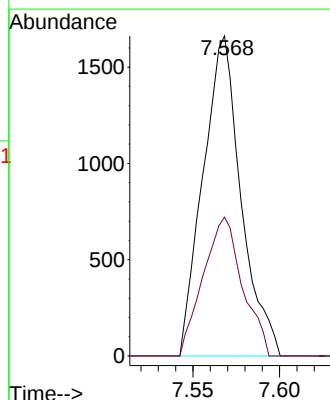
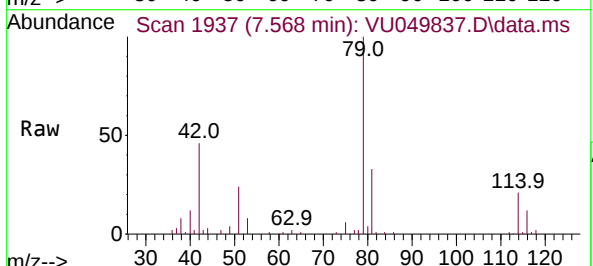
Acq: 21 Jul 2022 18:34

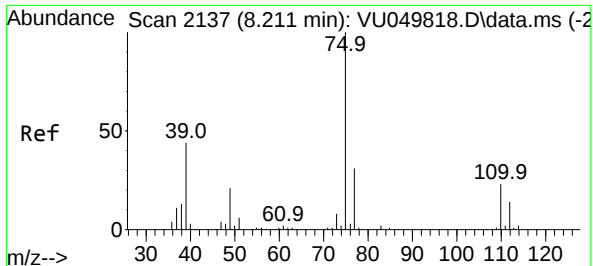
Tgt Ion: 75 Resp: 2534

Ion Ratio Lower Upper

75 100

77 43.4 22.6 42.0#

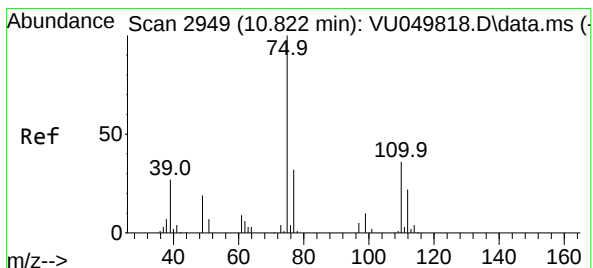
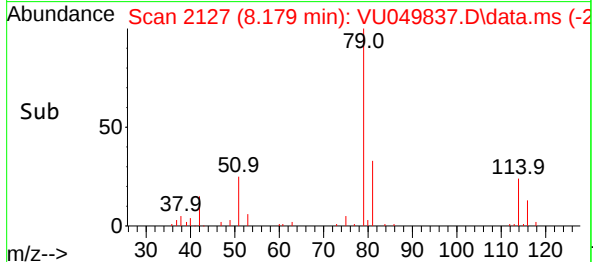
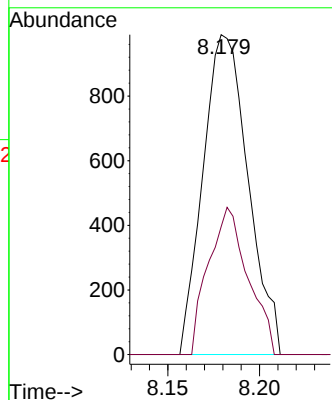
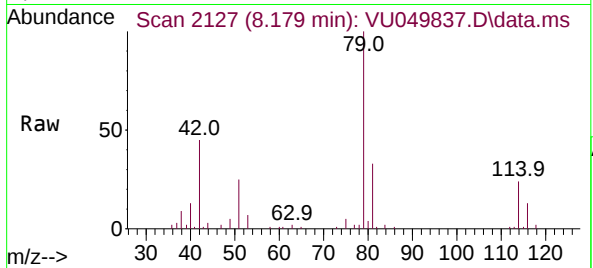




#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU049837.D
Acq: 21 Jul 2022 18:34

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 1696
Ion Ratio Lower Upper
75 100
77 40.0 22.5 41.9



#60
1,2,3-Trichloropropane
Concen: 5.083 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049837.D
Acq: 21 Jul 2022 18:34

Tgt Ion: 75 Resp: 8985
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
110 1.6 28.9 43.3#

